

Platinum Selection - Vitraflon 700®

FLUROPOLYMER BASED FINISH

DESCRIPTION:

VITRAFLON 700® represents a break-through in the fluropolymer technology. Largely through the genius of international resin research, the fluropolymer has been modified to render it compatible with a wide range of durable and stable colour pigments and also to enable application to a range of substrates besides aluminium. This creates extra long life cladding with an unlimited colour spectrum.

FEATURES:

Excellent weather resistance

After being exposed to a 10,000 hour accelerated weathering test using the sunshine Carbon Arc Weatherometer, VITRAFLON® will retain more than 80% of its original gloss. VITRAFLON® not only protects substrate materials for years but also secures the long lasting beauty of their colour surfaces.

Colour adaptability

Now architects can exploit fluropolmer's unique weathering performance in the colour or colour combination of their choice. No longer the limited range on offer on aluminium panels.

Use areas

VITRAFLON 700® is applicable on exterior cladding panels wherever long-term maintenance-free life is an essential consideration. Where a best quality polyurethane may be expected to contribute aesthetically to a structure for in excess of 10 years, VITRAFLON 700® may be relied upon to extend this time frame by at least 100%

It is available in gloss, satin, metallic or pearl. The satin (45±5% gloss) is preferred for building exteriors to minimise glare.

Abrasion resistance

Excellent resistance to scrubbing and sand abrasion

Chemical resistance

Excellent resistance to organic and inorganic acid

Good resistance to alkalis

Excellent resistance to water-splash and immersion

Solvent resistance

Excellent resistance to solvents, petrol and oils

Flexibility

Permanent flexibility has been built into the fluropolymer. It will never embrittle.

Dirt pick-up

VITRAFLON 700® has very low surface energy consequently dirt does not readily adhere to its surface i.e. it has an excellent 'self-cleaning' characteristic.